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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Compleat if Known

Application Number	To Be Assigned
Filing Date	September 30, 2003
First Named Inventor	Ivan KRIVOKAPIC
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	30287-109

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<i>h</i>	1	US- 3,728,632	04-17-1973	Ross	
<i>n</i>	2	US- 4,641,317	02-03-1987	Fullerton	
<i>cl</i>	3	US- 4,813,057	03-14-1989	Fullerton	
<i>h</i>	4	US- 4,979,186	12-18-1990	Fullerton	
<i>h</i>	5	US- 5,677,927	10-14-1997	Fullerton et al.	
<i>h</i>	6	US- 6,505,032 B1	01-07-2003	McCorkle et al.	
<i>m</i>	7	US- 2003/0054764 A1	03-20-2003	McCorkle et al.	
<i>h</i>	8	US- 2003/0096578 A1	05-22-2003	McCorkle et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
<i>h</i>	9	WO 01/73965 A2	10-04-2001	Time Domain Corporation		
<i>h</i>	10	WO 01/76086 A2	10-11-2001	Time Domain Corporation		
<i>h</i>	11	WO 01/93446 A2	12-06-2001	XtremeSpectrum, Inc.		

Examiner Signature	<i>[Signature]</i>	Date Considered	2/25/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.


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Sheet	2	of	2
		Attorney Docket Number	30287-109

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JL	12	MOE Z. WIN, ROBERT A. SCHOLTZ, "Energy Capture vs. Correlator Resources in Ultra-Wide Bandwidth Indoor Wireless Communications Channels," Communication Sciences Institute, Department of Electrical Engineering-Systems, University of Southern California, Los Angeles, CA 90089-2565 USA	
JL	13	V. SRINIVASA SOMAYAZULU, JEFFREY R. FOERSTER and SUMIT ROY, "Design Challenges for Very High Data Rate UWB Systems," Intel Labs., 2111 N.E. 25th Ave., Hillsboro, OR 97124-5961 USA	
JL	14	ROBERT FLEMING, CHERIE KUSHER, "Integrated, Low-Power, Ultra-Wideband Transceivers for Distributed Position Location and Communication", Semi-Annual Technical Report Contract J-BFI-94-058, Aether Wire & Location, Inc. July 1995, Nicasio, CA, USA	
JL	15	ROBERT FLEMING, CHERIE KUSHER, "Low-Power, Miniature, Distributed Position Location and Communication Devices Using Ultra-Wideband, Nonsinusoidal Communication Technology", Semi-Annual Technical Report Contract J-BFI-94-058, Aether Wire & Location, Inc. July 1995, Nicasio, CA, USA	
JL	16	DAVID G. LEEPER, "Wireless Data Blaster", Scientific American, Vol. 286, No. 5, May 2002, pgs. 64-9, USA	

Examiner Signature		Date Considered	3/3/05
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